

New Accountability Metrics

A – F

**Transparency
&
Student Success**



Indiana Department of Education
SUPPORTING STUDENT SUCCESS

Presenter

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Chief Accountability Officer



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Goals for Today's Presentation

The Elementary/Middle School A-F model

- Explain the Standard Model (grades 3-8)
- Show how the *Growth Model* is used in the calculations
- Provide an example utilizing the *A-F Workbook*



Today's Presentation

Please submit questions during the presentation via the Chat window.

Recording of this WebEx will be made available a few days later and posted on the *A-F Grading* webpage



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Key Information and Contacts

A-F Grading Webpage:

- Start at www.doe.in.gov
 - Wave cursor over “Hot Topics”
 - Then wave cursor over “A-F Grading” under “Accountability” and click to go to page

Or go directly to: <http://www.doe.in.gov/improvement/accountability/f-accountability>

A-F Contact for Questions:

- schoolaccountability@doe.in.gov



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How does the new model work?

BASES and BONUSES*

- The *preliminary* grade is BASED on student PERFORMANCE

*The *preliminary* grade may go up or down due to student GROWTH, IMPROVEMENT and/or PARTICIPATION



A-F

The BASES are aligned with the state goal:

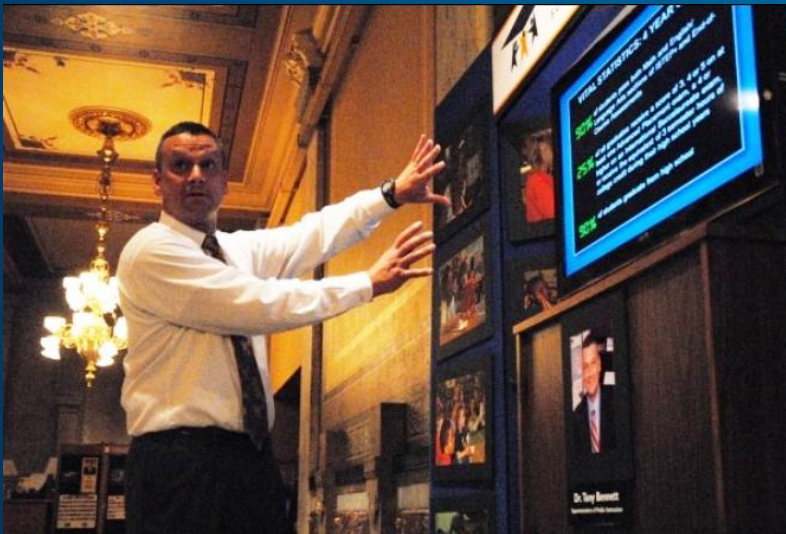
90 - 25 - 90



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Indiana's Three Goals

- 90 percent of students pass math and E/LA ISTEP+
- 25 percent of grads pass an AP or IB exam or earn college credits during high school
- 90 percent of students graduate with a diploma



Indiana's Education
Scoreboard



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Elementary & Middle School Model

- **Performance on ISTEP+, IMAST, & ISTAR (90)**

90.0 – 100.0%	4.00 points
85.0 – 89.9%	3.50 points
80.0 – 84.9%	3.00 points
75.0 – 79.9%	2.50 points
70.0 – 74.9%	2.00 points
65.0 – 69.9%	1.50 points
60.0 – 64.9%	1.00 points
0.00 – 59.9%	0.00 points



Elementary & Middle School Model

- **Performance on ISTEP+, IMAST, & ISTAR (90)**
 - For inclusion in Performance calculations students must be enrolled at a school (or corporation) for at least 162 days
 - Only exemptions are for LEP students that have been in the United States for 12 months or less *(LM collection)*



Elementary & Middle School Model

- **Improvement** on ISTEP+, IMAST, & ISTAR (90)

Absolute improvement is annually recognized because the proficiency scale has five point increments for scores.

When a school's total proficiency rises between 0.1 – 5.0% their overall score increases.



Elementary & Middle School Model

- **Improvement on ISTEP+, IMAST, & ISTAR (90)**

For example:

In **2011**, Smith Middle School had an overall proficiency rate of **78.4** which scores **2.50** points

In **2012**, Smith Middle School earns an overall proficiency rate of **80.0** (**1.6% improvement**) which scores **3.00** points

80.0 – 84.9%

3.00 points

75.0 – 79.9%

2.50 points



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Elementary & Middle School Model

- **Growth** on ISTEP+
 - Potential bonuses for **High** Growth
 - Potential penalty for **Low** Growth



Elementary & Middle School Model

- Determining your Top 75% and Bottom 25% subgroups
 - Create a list of students by each tested grade your school serves
 - In each grade list students in descending order by previous year's ISTEP results
 - Delineate at each grade level the bottom quartile of performers
 - Then aggregate across grade levels to determine population of students for each subgroup



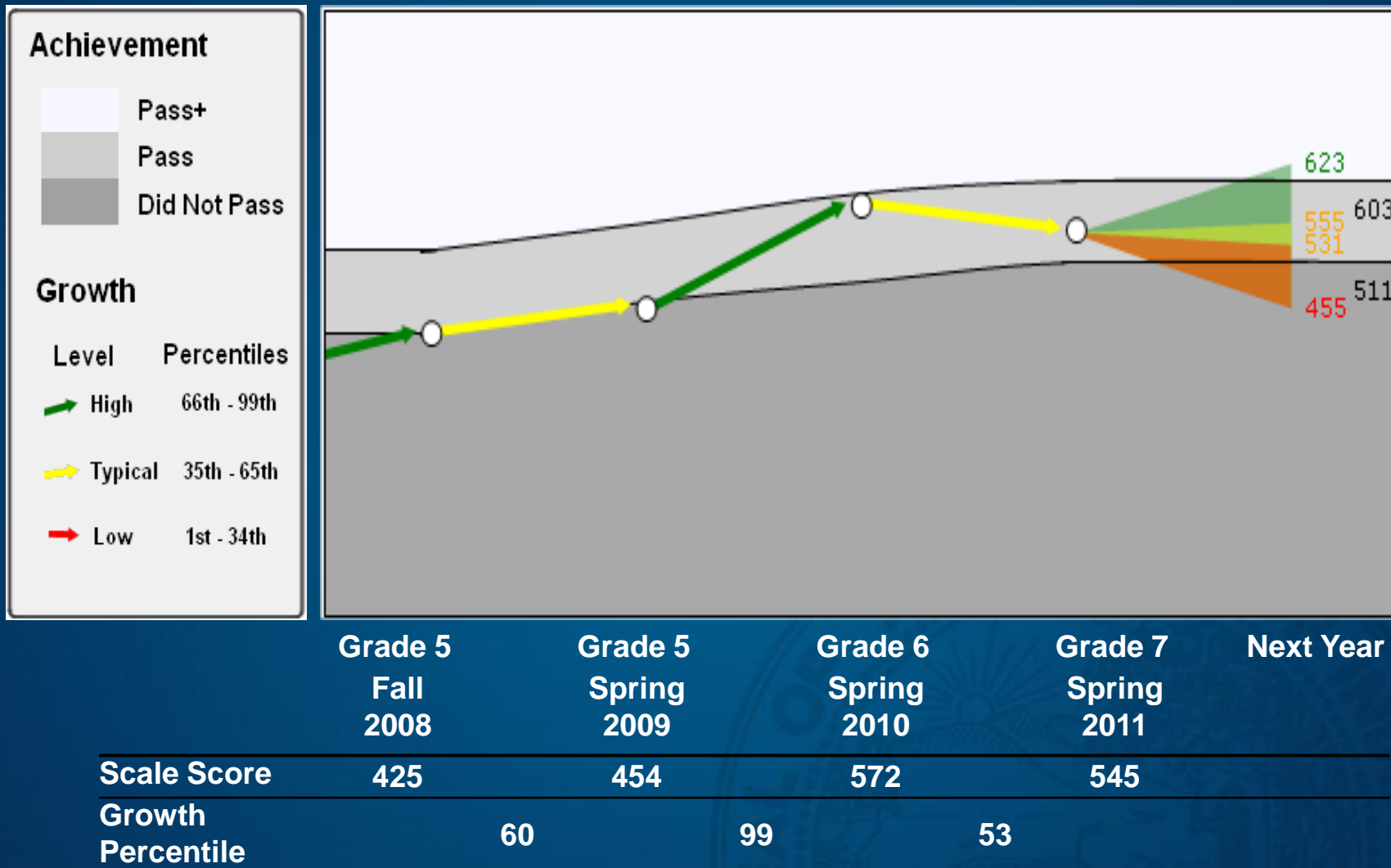
Elementary & Middle School Model

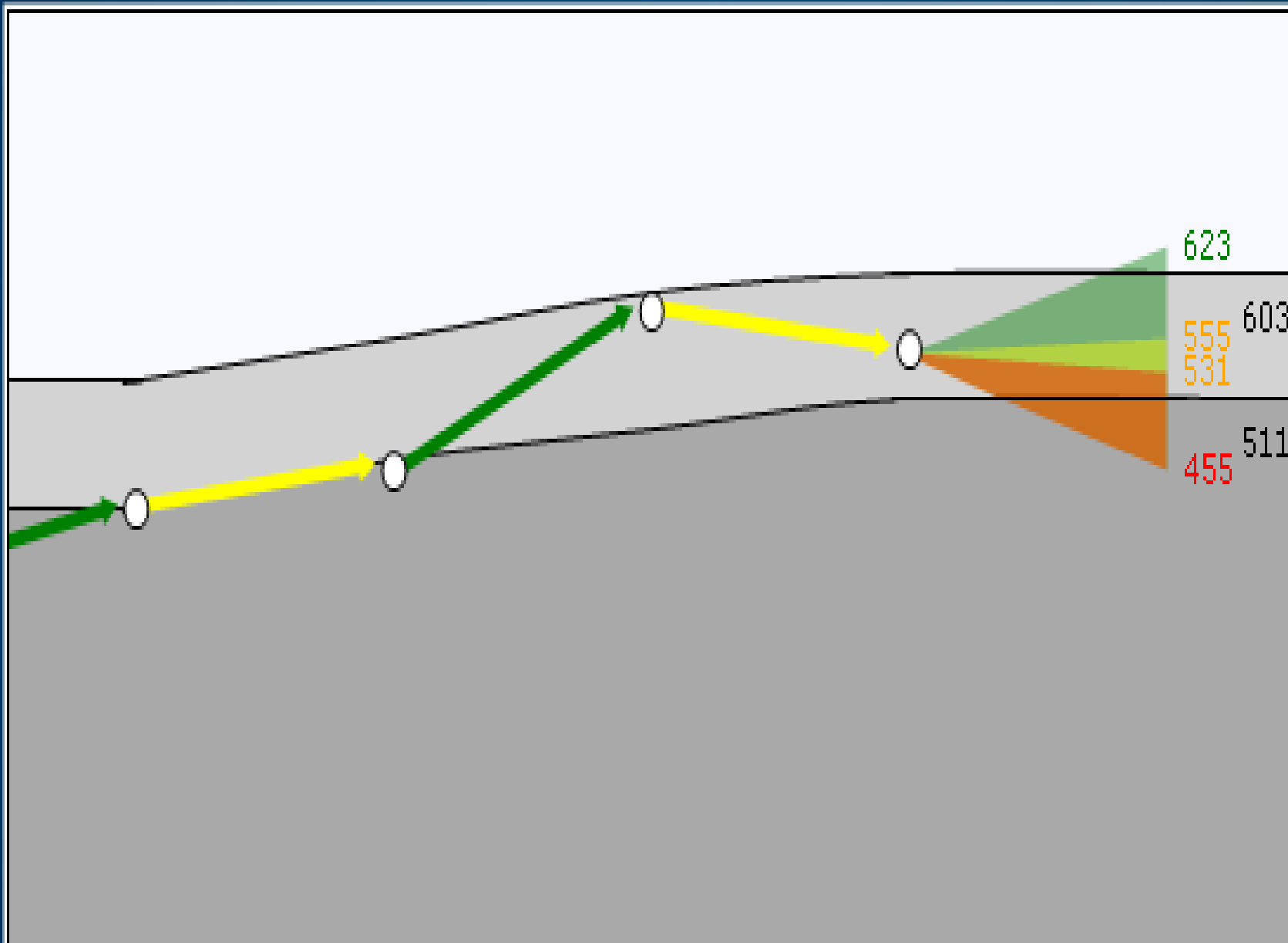
The accountability model uses the Growth projections (high, typical or low) set at the beginning of the school year to determine if students hit their targets.

After the ISTEP test is finished, schools may score their Growth results based on the targets set at the beginning of the year for each student.



Mathematics





Elementary & Middle School Model

Setting targets at the beginning of the year and then scoring based on those targets makes this a **CRITERION** measure.

This methodology ensures there is **NO CAP** nor **SET DISTRIBUTION** on how many students in Indiana may score as high, typical or low growth. This means 100% of students across the state could score as high growth.



Power of the Growth Model

High Growth Matters

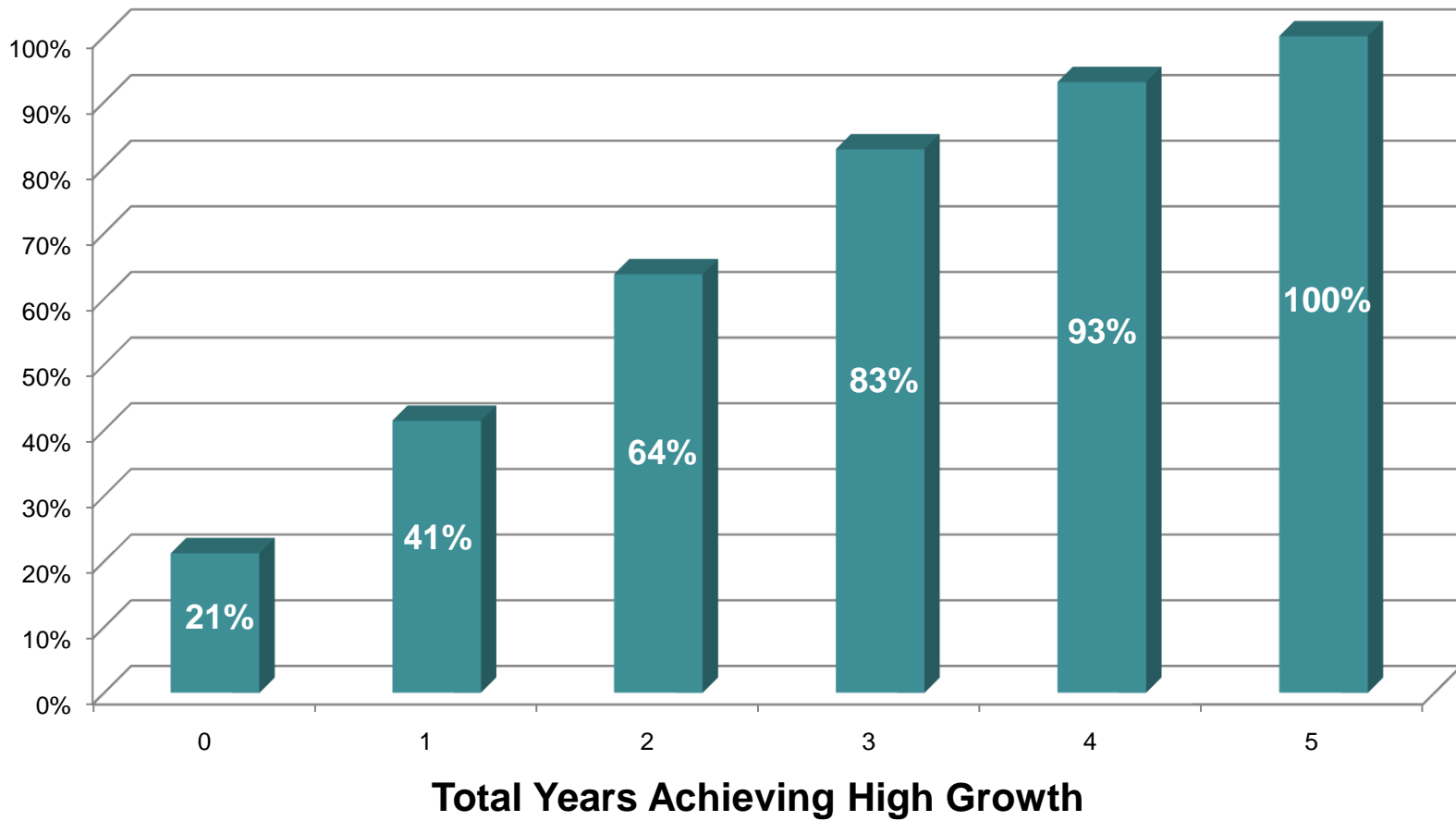
Every year our lowest scoring elementary & middle school students demonstrate high growth the more likely they will hit proficiency before high school



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Bottom 25% Subgroup

Percentage of low performing 3rd Grade students hitting proficiency in Math by 8th Grade



Elementary & Middle School Model

There are four opportunities for the **High Growth** bonus across the two subgroups:

	<u>Criteria</u>
1) Bottom 25% on E/LA	(42.5%)
2) Bottom 25% on math	(44.9%)
3) Top 75% on E/LA	(36.2%)
4) Top 75% on math	(39.2%)



Elementary & Middle School Model

There are two circumstances for the **Low** Growth deduction:

	<u>Criteria</u>
1) Overall group on E/LA	(39.8%)
2) Overall group on math	(42.4%)



Elementary & Middle School Model

Summary Impact of Growth

The preliminary grade based on proficiency and absolute improvement may be **raised** based on **HIGH** academic **growth on E/LA and/or math** for students who performed in the bottom 25% on ISTEP+.



The preliminary grade based on proficiency and absolute improvement may be **raised** based on **HIGH** academic **growth on E/LA and/or math** for students who performed in the top 75% on ISTEP+.



The preliminary grade based on proficiency and absolute improvement may be **lowered** due to **LOW** academic **growth on E/LA and/or math** of 100% of students for performance on ISTEP+.



Elementary & Middle School Model

Impact of Participation

The preliminary grade may also be **lowered** if less than 95% of students in any of the subgroups **participate** in the ISTEP+, IMAST, or ISTAR exams. The possible deduction may occur in both E/LA and math assessments.



Elementary & Middle School Model

Impact of Participation

- **There is no minimum-day-enrolled count for Participation calculations.**
 - Any student enrolled at a school (or corporation) during the test window(s) is included in Participation calculations.
- All LEP students must take the **math** ISTEP+ exam and LAS Links exam. However LEP students that have been in the United States for 12 months or less may forgo the **E/LA** ISTEP+ exam provided they complete the LAS Links exam. *(LM collection)*



Elementary & Middle School Model

Calculating Grades

- Separate grades (points) are determined for English/Language Arts and Math
- A **final grade** is determined by averaging the English/Language Arts and Math grades (points)



Elementary & Middle School Model

Convert the averaged E/LA and math grades (points) to a **FINAL** letter grade for a school, using the following scale:

3.51 - 4.00 points = A

3.00 - 3.50 points = B

2.00 - 2.99 points = C

1.00 - 1.99 points = D

0.00 - 0.99 points = F



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Combined Schools & Corporation Grades

- Schools that serve grades that encompass both models will receive one **FINAL** grade by adding the two scores from both models together after multiplying those scores by the enrollment percentages weighted accordingly.
- Corporations are treated as a single large school. They will receive one **FINAL** grade using the same methodology outlined above.



What's My Grade?

IDOE developed a workbook with all of the proficiency measures and bonuses already incorporated which allows schools to simply input their achievement data and have their grade automatically calculated.

Found here:

<http://www.doe.in.gov/improvement/accountability/f-accountability>



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What does the Report Card look like?

IDOE worked with stakeholders to build sample report cards for both the Elementary/Middle and High School models.

They are found here:

<http://www.doe.in.gov/improvement/accountability/f-accountability>



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